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Data Sheet · AMILO M1420 · Issue June 2004

AMILO M1420

Widescreen notebook with
With Intel® Pentium® M Processor

Are you looking for a notebook which combines advanced entertainment features and elegant design in one device? Then we like to present you our AMILO M1420 widescreen notebook. Coming with its attractive, slim silver-finish design, its large 15.4" display and integrated wireless LAN it strikes a perfect balance between entertainment and performance. Thanks to its external graphics ATI MOBILITY™ RADEON™ 9600 PRO the AMILO M1420 is the right choice whenever you prefer watching films or editing your photos on your notebook. Thanks to Intel's Centrino technology it is optimised for low power consumption, thus enabling extended battery life. An S-Video out port, IEEE 1394 and 3 USB 2.0 interfaces are built-in as standard to connect to all your digital peripherals and multimedia devices. It comes equipped with an extensive software package including Works Suite 2004 and Photoshop Elements.

Features:

- Intel® Centrino™ mobile technology with Intel® Pentium® M Processor up to 2.0GHz (Launch with 1.6GHz)
- Enjoy the viewing quality of wide TFT displays with 15.4" WXGA
- High end graphics!
  External ATI MOBILITY™ RADEON™ 9600 PRO graphics controller offering 128MB Video memory
- Connect your notebook to external peripherals, storage devices or video equipment through the various USB 2.0 and IEEE 1394 ports
- Unique 3 in 1 flash card port. Supports SD/MS/MMC multimedia storage cards.
- Built-in DVD+R/+RW drive
- Up to 1GB DDR SDRAM in 2 so-DIMM slot
- Windows XP Home and Works Suite 2004[1] & Adobe Photoshop Elements 2.0 / Adobe Photoshop Album 2.0

1) Depending on country / language variant, please see page 3 for details

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System, processors, architecture
Chipset: Intel 855GME+ICH4M
CPU: Intel® Pentium® M processor / 400MHz FSB
- 1MB SLC: 1.6 GHz (EOL in July)
- 2MB SLC: Pentium M 715 (1.5 GHz)
Pentium M 725 (1.6 GHz)
Pentium M 735 (1.7 GHz)

Operating system
Windows XP Home, Recovery CD is included

Application Software
a) Microsoft Works Suite 2004 *including Word 2002, Works 7.0, Microsoft Encarta® 2003, Microsoft Picture It!® 7.0, Microsoft AutoRoute 2002/2003*, Microsoft Money 2002**
*availability depending on language
b) Word 2002 / Works 6.0 or 7.0
Countries will receive either Microsoft Works Suite or a Word/Works package. For language availability please see matrix on the next page

Adobe Photoshop Elements 2.0
Adobe Photoshop Album 2.0
Win DVD 5
Nero CD-Maker Version 6
Odysee WLAN Client Manager

Driver & Utility CD including:
Adobe Acrobat Reader 5.05
Norman anti-virus software (also pre-installed)

Internet Service Providers – country specific

Manual, Safety Guide and Warranty Guide
Online Manual

Fujitsu Siemens Computers recommends Microsoft® Windows® XP.

Memory
256 – 1024MB DDR SDRAM, DDR333 SO-DIMM
256 / 512 MB memory modules

Storage devices / drives
40 / 60 / 80 GB IDE hard disk
DVD+R/+RW
DVD / DVD+R / DVD+RW / CD / CD-R / CD-RW
8 / 4 / 2.4 / 24 / 16 / 8

Graphics
ATI MOBILITY™ RADEON™ 9600 PRO

Display
15.4" TFT Wide WXGA, 1280x800 pixel
Compliance with standards
ISO 13406-2 class II

I/O Interfaces
1 x IEEE1394, 3 USB 2.0 ports,
1 x CRT
1 x modem, 1 x LAN
1 x 3 in 1 flash card port SD/MS/MMC
1 x microphone in
1 x line in, 1 x headphone out
1 x power supply
1 x TV-Out: S-Video out
1 x SP/DIF
1 x type I/II PC Card slot (32 bit CardBus support)

Communications
Built-in 56K, V.90 fax modem and 10/100 Mbps LAN
Integrated Wireless LAN (WLAN) solution: Intel® PRO/Wireless 2200 BG LAN network connection
- speeds up to 54Mbps
- industry standard wireless LAN security support

- excellent performance through per packet antenna selection

- Intel® Intelligent Scanning Technology for optimal power management

Audio
CODEC ALC655 Power Amplifier: TPA0212, 2 built-in speakers, 2 built-in2 W Woofer, built-in microphone, headphone out incl. S/PDIF support
- Sound Volume control by Hot-Key (Fn + F3 : Volume down, Fn + F4 : Volume up)

Hot Keys
The notebook uses hotkeys or key combinations for the following:
Fn + F1 WLAN on/off
Fn + F3 Volume Down
Fn + F4 Volume Up
Fn + F5 LCD/external CRT switching
Fn + F6 Brightness down
Fn + F7 Brightness up
Fn + F10 loudspeaker on/off
Fn + F11 Panel Off/On
Fn + F12 Suspend to DRAM / HDD

Pointing device & control buttons
Touchpad with a left and right mouse button
Power button / lid switch

Status indicators
-7 status icons located on the left front of the base : HardDisk, CD-ROM, NUM LOCK, CAPS LOCK, SCROLL LOCK, WLAN and Card Reader
-3 status icons located under the display:
AC-Power, Battery Power, Battery Status

Security
User and supervisor password
Kensington Lock support

Power system
Li-Ion battery, 6 cells, 14.8V / 2200mAH
appr. 3:00 hrs battery runtime, depending on usage[2]
Dynamic charge supported, ACPI 2.0 supported
External universal AC adapter: 110 – 240 V AC, 50-60HZ, output: 60W with 19V DC

ACPI functions
S1 standby (LCD off)
S3 save to RAM
S4 save to disk
S5 soft off

Dimensions and weight
W355 x D253 x 36,5mm
3 kg (with 15" XGA, Li-Ion battery, HDD, Combo drive)[3]

Operating conditions
Operational: 5°C to 35°C (ambient temperature)
10% to 90% relative humidity, non-condensing
AC input 100-240 V, 50-60 Hz

Certifications
CE Marking
Energy Star

Works Suite 2004	Word 2002 / Works 7.0	Word 2000 / Works 6.0 No upgrade planned!
English UK English US (for MENA) German / Austria French Spanish Italian Swedish Norwegian Dutch Finnish Danish	Hungarian* Czech* Polish*	Portuguese Russian* Turkish* Greek (Word Greek / Works US)

* For these countries special regulations apply regarding WLAN importation. Special certification is needed.

Warranty
Country-specific terms

Options
AC adapter
USB Floppy Drive
Carrying cases

2) Battery life may vary depending on product model, configuration, applications, power management settings and features utilized. Recharge time varies depending on usage.
3) Weight may vary depending on actual configuration

Published by

Fujitsu Siemens Computers
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